



DEPARTMENT OF THE NAVY
BUREAU OF NAVAL PERSONNEL
5720 INTEGRITY DRIVE
MILLINGTON TN 38055-0000

5720

PERS 00J6/20170413

June 6, 2017

Mr. David Murrell
Appeal Resource Center
1722 I Street, NW
Washington, DC 20421

Dear Mr. Murrell:

SUBJECT: YOUR FREEDOM OF INFORMATION ACT (FOIA) REQUEST

This is in response to your Freedom of Information Act (FOIA) request initially submitted to the Naval Sea Systems Command. The portion of your request seeking a description of duties expected during assignment as an airport serviceman in air transportation from the Navy was referred to this command for direct reply to you. The partial referral of your request was received in this office on June 6, 2017, has been assigned FOIA correspondence file number CNPC20170413 by this command.

Based on the description in your request, it appears that there are four potential ratings, potentially fitting your description of sought documentation. Enclosed is a copy of a description of the four Navy ratings. If necessary, you may contact the undersigned at (901) 874-3165.

Sincerely,

A handwritten signature in black ink, appearing to be "D. P. German", is written over the typed name.

D. P. GERMAN
FOIA/PA Officer
By direction

CHAPTER 8

AIRMAN (AN)

NAVPERS 18068-8C
CH-50

Updated: April 2012

TABLE OF CONTENTS

AIRMAN (AN)

SCOPE OF RATING	AN-3
GENERAL INFORMATION	AN-4
AIRMAN	AN-5
AVIATION SUPPORT OPERATIONS	AN-5
AIRCRAFT MAINTENANCE	AN-6
CORROSION CONTROL AND MATERIAL PRESERVATION	AN-6
SAFETY	AN-6
GENERAL WATCHSTANDING	AN-7
NAVAL ORIENTATION AND ORGANIZATION	AN-7

NAVY ENLISTED OCCUPATIONAL STANDARD

FOR

AIRMAN (AN)

APPRENTICESHIP

SCOPE OF RATING

Airmen (AN) assist in the maintenance of aircraft and associated aeronautical equipment; assist in the maintenance of aircraft support equipment; service and clean aircraft; assist in aircraft handling; and perform other apprenticeship duties required in the operation of naval aviation activities afloat and ashore.

This Occupational Standard is to be incorporated in Volume I, Part B, of the Manual of Navy Enlisted Manpower and Personnel Classifications and Occupational Standards (NAVPERS 18068F) as Chapter 8.

PATHS OF ADVANCEMENT OF ENLISTED PERSONNEL
CAREER PATHS FOR THE AIRMAIN APPRENTICESHIP

RATING TITLE	E-4	E-5	E-6	E-7	E-8	E-9
AEROGRAPHER'S MATE	AG3	AG2	AG1	AGC	AGCS	AGCM
AIR TRAFFIC CONTROLLER	AC3	AC2	AC1	ACC	ACCS	ACCM
AIRCREW SURVIVAL EQUIPMENTMAN	PR3	PR2	PR1	PRC	PRCS	PRCM
NAVAL AIRCREWMAN (OPERATOR)	AWO3	AWO2	AWO1	AWOC	AWOCS	AWCM
NAVAL AIRCREWMAN (TACTICAL HELICOPTER)	AWR3	AWR2	AWR1	AWRC	AWRCS	AWCM
NAVAL AIRCREWMAN (HELICOPTER)	AWS3	AWS2	AWS1	AWSC	AWSCS	AWCM
NAVAL AIRCREWMAN (AVIONICS)	AWV3	AWV2	AWV1	AWVC	AWVCS	AWCM
NAVAL AIRCREWMAN (MECHANICAL)	AWF3	AWF2	AWF1	AWFC	AWFCS	AWCM
AVIATION BOATSWAIN'S MATE (LAUNCHING AND RECOVERY EQUIPMENT)	ABE3	ABE2	ABE1	ABEC	ABECS	ABCM
AVIATION BOATSWAIN'S MATE (FUELS)	ABF3	ABF2	ABF1	ABFC	ABFCS	ABCM
AVIATION BOATSWAIN'S MATE (AIRCRAFT HANDLING)	ABH3	ABH2	ABH1	ABHC	ABHCS	ABCM
AVIATION ELECTRICIAN'S MATE	AE3	AE2	AE1	AEC	A ECS	AVCM
AVIATION ELECTRONICS TECHNICIAN	AT3	AT2	AT1	ATC	ATCS	AVCM
AVIATION MACHINIST'S MATE	AD3	AD2	AD1	ADC	ADCS	AFCM
AVIATION MAINTENANCE ADMINISTRATIONMAN	AZ3	AZ2	AZ1	AZC	AZCS	AZCM
AVIATION ORDNANCEMAN	AO3	AO2	AO1	AOC	AOCS	AOCM
AVIATION STRUCTURAL MECHANIC	AM3	AM2	AM1	AMC	AMCS	AFCM
AVIATION STRUCTURAL MECHANIC	AME3	AME2	AME1	AMEC	AMCS	AFCM
AVIATION SUPPORT EQUIPMENT TECHNICIAN	AS3	AS2	AS1	ASC	ASCS	ASCM

SAFETY

The observance of Operational Risk Management (ORM) and proper safety precautions in all areas is an integral part of each billet and the responsibility of every Sailor; therefore, it is a universal requirement for all ratings.

Job Title**Airman****Job Code****002687****Job Family**

Installation, Maintenance, and Repair

NOC

TBD

Short Title (30 Characters)

AIRMAN

Short Title (10 Characters)

AIRMAN

Pay Plan

Enlisted

Career Field

AN

Other Relationships and Rules

N/A

Job Description

Airmen assist in the maintenance of aircraft and associated aeronautical equipment; assist in the maintenance of aircraft support equipment; service and clean aircraft; assist in aircraft handling; and perform other apprenticeship duties required in the operation of naval aviation activities afloat and ashore.

DoD Relationship**Group Title**

Non-Occupational

DoD Code

190000

O*NET Relationship**Occupation Title**Maintenance and Repair
Workers, General**SOC Code**

49-9042.00

Job FamilyInstallation, Maintenance, and
Repair**Skills**

Active Learning
Active Listening
Time Management
Speaking
Reading Comprehension
Writing
Coordination
Troubleshooting
Equipment Maintenance
Repairing

Abilities

Written Comprehension
Problem Sensitivity
Memorization
Deductive Reasoning
Time Sharing
Reaction Time
Auditory Attention
Mathematical Reasoning
Spatial Orientation
Response Orientation

AVIATION SUPPORT OPERATIONS**Paygrade****Task Type****Task Statements**

E3	CORE	Clean, service, and lubricate aircraft handling equipment
E3	CORE	Communicate with the tower
E3	CORE	Connect and disconnect aircraft batteries
E3	CORE	Connect and disconnect external power cables for starting and servicing aircraft
E3	CORE	Direct aircraft using standard aircraft taxi signals
E3	CORE	Document aircraft maintenance
E3	CORE	Identify types of aircraft armament equipment
E3	CORE	Identify types and know the purposes of common aviation support equipment
E3	CORE	Know the color codes and markings used for aircraft lines, tubing, and hoses
E3	CORE	Know the color coding of flight deck clothing and protective equipment used aboard aircraft carriers
E3	CORE	Know the designation system for Naval aircraft
E3	CORE	Know the general methods of handling land-based and carrier aircraft
E3	CORE	Know the general purposes of aircraft cable control systems
E3	CORE	Know the general purposes of aircraft hydraulic systems
E3	CORE	Know the general purposes of aircraft pneumatic systems
E3	CORE	Know the major types of handling equipment associated with land-based and carrier aircraft
E3	CORE	Operate mobile equipment around aircraft
E3	CORE	Perform duties as member of aircraft handling crew
E3	CORE	Ride brakes of aircraft being towed or pushed

E3	CORE	Sample fuel for contaminants
E3	CORE	Secure and tie down aircraft
E3	CORE	Service aircraft servicing equipment
E3	CORE	Use aviation publications (Navy Aviation Maintenance Programs (NAMP), Naval Air Training and Operating Procedures Standardization (NATOPS), etc.)

AIRCRAFT MAINTENANCE

<u>Paygrade</u>	<u>Task Type</u>	<u>Task Statements</u>
E3	CORE	Collect oil samples
E3	CORE	Identify types of aircraft power plants
E3	CORE	Identify general types of aircraft electronic equipment
E3	CORE	Identify major structural components of aircraft
E3	CORE	Know the general purposes of aircraft electrical systems
E3	CORE	Knowledge of reference tools and materials (Joint Technical Data Integration (JDTI), Personal Electronic Maintenance Aids (PEMA), etc.)
E3	CORE	Read aircraft quantity, temperature, and pressure gauges and instruments
E3	CORE	Service aircraft with fuel
E3	CORE	Service aircraft with hydraulic fluid
E3	CORE	Service aircraft with nitrogen/air
E3	CORE	Service aircraft with oil
E3	CORE	Use common aircraft screws, nuts, bolts, and measuring tools

CORROSION CONTROL AND MATERIAL PRESERVATION

<u>Paygrade</u>	<u>Task Type</u>	<u>Task Statements</u>
E3	CORE	Clean and treat corrosion
E3	CORE	Handle, clean, and preserve aircraft tie downs
E3	CORE	Inspect aircraft for presence of corrosion, rust, and pitting

SAFETY

<u>Paygrade</u>	<u>Task Type</u>	<u>Task Statements</u>
E3	CORE	Arm and safe ejection seat
E3	CORE	Carry out general procedures for gaining entrance to aircraft under emergency conditions
E3	CORE	Install common aircraft safety and locking devices
E3	CORE	Know emergency light communication procedures
E3	CORE	Know flight deck hand signals
E3	CORE	Know the carrier flight deck markings and lighting systems
E3	CORE	Know the color marking system for vehicles used on airfields and flight lines
E3	CORE	Know the markings indicating dangerous areas on airfields, aircraft, and flight decks
E3	CORE	Know the procedures for extinguishing fires caused by hot brakes
E3	CORE	Know the toxic properties of aircraft cleaning materials
E3	CORE	Know when an ejection seat is armed/ safe
E3	CORE	Knowledge of how the tool control program applies to Naval aviation
E3	CORE	Perform Foreign Object Debris (FOD) walkdowns
E3	CORE	Stand fire watch during fueling, defueling, and starting of aircraft

GENERAL WATCHSTANDING

<u>Paygrade</u>	<u>Task Type</u>	<u>Task Statements</u>
E3	CORE	Stand aircraft security watches

NAVAL ORIENTATION AND ORGANIZATION

<u>Paygrade</u>	<u>Task Type</u>	<u>Task Statements</u>
E3	CORE	Define common Naval aviation terms and nomenclature
E3	CORE	Know the general functions of squadrons, departments, divisions of ashore, and or afloat aviation activities
E3	CORE	Know the organizational structure of Naval aviation

CHAPTER 10



AVIATION SUPPORT EQUIPMENT TECHNICIAN (AS)

NAVPERS 18068-10D
CH-42

AVIATION SUPPORT EQUIPMENT TECHNICIAN (AS) TABLE OF CONTENTS

SCOPE OF RATING	AS-3
GENERAL INFORMATION	AS-4
AVIATION SUPPORT EQUIPMENT TECHNICIAN	AS-5
CORROSION CONTROL	AS-5
ELECTRO/MECHANICAL MAINTENANCE	AS-5
GENERAL SUPPORT EQUIPMENT	AS-6
HYDRAULIC/PNEUMATIC MAINTENANCE	AS-7
MANAGEMENT	AS-8
MECHANICAL MAINTENANCE	AS-9
QUALITY ASSURANCE	AS-10
TECHNICAL ADMINISTRATION	AS-11

NAVY ENLISTED OCCUPATIONAL STANDARD
FOR
AVIATION SUPPORT EQUIPMENT TECHNICIAN (AS)



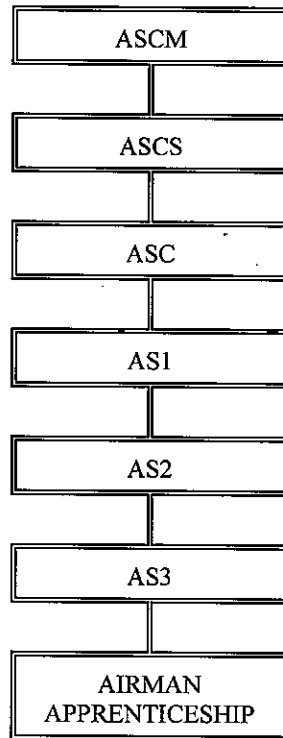
SCOPE OF RATING

Aviation Support Equipment Technicians (AS) perform preventive and corrective maintenance on aviation support equipment, aviation armament handling equipment, aviation mobile firefighting units, and associated components and systems; service, inspect, test, troubleshoot, and repair gasoline and diesel engine systems, transmission systems, hydraulic, hydrostatic, and pneumatic systems, steering and suspension systems, cryogenic systems, electrical systems, gas turbine compressor units, electrical and hydraulic power generating equipment, and air-conditioning and refrigeration systems (excluding avionics support equipment); manage support equipment assets at different command levels; and provide training in operation of aviation support equipment.

This Occupational Standard is to be incorporated in Volume I, Part B, of the Manual of Navy Enlisted Manpower and Personnel Classifications and Occupational Standards (NAVPERS 18068F) as Chapter 10.

GENERAL INFORMATION

CAREER PATTERN



Normal path of advancement to Chief Warrant Officer and Limited Duty Officer categories can be found in OPNAVINST 1420.1.

For rating entry requirements, refer to MILPERSMAN 1306-618.

SAFETY

The observance of proper safety precautions in all areas is an integral part of each billet and the responsibility of every Sailor; therefore, it is a universal requirement for all ratings.

Job Title**Aviation Support Equipment Technician****Job Code****002320****Job Family****NOC****Short Title (30 Characters)****Short Title (10 Characters)**

Installation, Maintenance, and Repair

4900-3023.01

AVIATION SUPPORT EQUIPMENT TEC

ASE TEC

Pay Plan**Career Field****Proficiency Level****Other Relationships and Rules:**

Enlisted

AS

A/J/M

NEC 1589, 7222, 76XX series, 83XX series, 9549, and 9590

Job Description

Aviation Support Equipment Technicians perform scheduled and unscheduled maintenance on aircraft support equipment. They perform maintenance (adjust, troubleshoot, and repair) on mechanical systems (diesel engines, gas turbine compressor systems, brake systems, transmission systems, welding and structural repair equipment), air conditioning and refrigeration systems (compressors, condensers, evaporators, refrigerant reclaimer equipment and plumbing components, reclaiming of refrigerant), electrical systems (Mobile Electrical Power Plant (MEPP) systems, aircraft tow tractors electrical systems, forklift electrical systems, and numerous other support equipment electrical systems), mobile maintenance facility (electrical/structural corrosion control, mobile facility van complexing, environmental control units), cryogenic equipment (gaseous and liquid oxygen servicing systems, gaseous nitrogen servicing systems and oxygen system purge units), hydraulic/pneumatic systems (hydraulic test stands, aircraft and automotive lifting devices, maintenance platforms, various pumps, actuators and accumulators). They also perform support equipment management, training and licensing, by planning, organizing, scheduling, and implementing daily maintenance tasks and training requirements.

DoD Relationship**O*NET Relationship****Title and Group:****Code and Area:****Title and SOC Code:****Name and Family Code:**Aircraft Accessories
160160200
16Automotive Master Mechanics
49-3023.01Installation, Maintenance, and Repair
49**CORROSION CONTROL****Paygrade****Task Type****Task Statements****Skills****Abilities**

E4

CORE

Identify corrosion treatment

Equipment Selection
Judgment and Decision MakingDeductive Reasoning
Problem Sensitivity

E4

CORE

Identify corrosion types

Equipment Selection
Judgment and Decision MakingDeductive Reasoning
Problem Sensitivity

E4

CORE

Perform corrosion control maintenance

Equipment Selection
RepairingDeductive Reasoning
Manual Dexterity

E4

CORE

Perform preservation procedures

Equipment Selection
RepairingDeductive Reasoning
Manual Dexterity**ELECTRO/MECHANICAL MAINTENANCE****Paygrade****Task Type****Task Statements****Skills****Abilities**

E5

CORE

Build power cables for Mobile/Maintenance Facility (MMF) support

Equipment Maintenance
InstallationDeductive Reasoning
Problem Sensitivity

E4

CORE

Maintain air conditioning and refrigeration equipment

Equipment Maintenance
Systems EvaluationDeductive Reasoning
Inductive Reasoning

E4

CORE

Maintain air conditioning and refrigeration reclaimer equipment

Equipment Maintenance
Systems EvaluationDeductive Reasoning
Inductive Reasoning

E4

CORE

Maintain Environmental Control Unit (ECU) systems

Equipment Maintenance
Systems EvaluationDeductive Reasoning
Inductive Reasoning

E4

CORE

Maintain Mobile Electric Power Plant (MEPP) systems

Equipment Maintenance
Systems EvaluationDeductive Reasoning
Inductive Reasoning

E4

CORE

Maintain Mobile Maintenance Facility (MMF) generator systems

Equipment Maintenance
Systems EvaluationDeductive Reasoning
Inductive Reasoning

E4	CORE	Maintain Mobile Maintenance Facility (MMF) systems <i>Equipment Maintenance Systems Evaluation</i>	<i>Deductive Reasoning Inductive Reasoning</i>
E4	CORE	Repair Environmental Control Unit (ECU) components <i>Equipment Maintenance Systems Analysis</i>	<i>Inductive Reasoning Problem Sensitivity</i>
E4	CORE	Repair Mobile Electric Power Plant (MEPP) systems <i>Equipment Maintenance Systems Analysis</i>	<i>Inductive Reasoning Problem Sensitivity</i>
E4	CORE	Repair Mobile Maintenance Facility (MMF) components <i>Equipment Maintenance Systems Analysis</i>	<i>Inductive Reasoning Problem Sensitivity</i>
E5	CORE	Repair Mobile Maintenance Facility (MMF) generator systems <i>Equipment Maintenance Systems Analysis</i>	<i>Inductive Reasoning Problem Sensitivity</i>
E4	CORE	Test air conditioning and refrigeration equipment components <i>Quality Control Analysis Systems Analysis</i>	<i>Deductive Reasoning Problem Sensitivity</i>
E4	CORE	Test air conditioning and refrigeration reclaimer equipment system components <i>Quality Control Analysis Systems Analysis</i>	<i>Deductive Reasoning Problem Sensitivity</i>
E4	CORE	Test Environmental Control Unit (ECU) components <i>Quality Control Analysis Systems Analysis</i>	<i>Deductive Reasoning Problem Sensitivity</i>
E4	CORE	Test Mobile Electric Power Plant (MEPP) electrical components <i>Quality Control Analysis Systems Analysis</i>	<i>Deductive Reasoning Problem Sensitivity</i>
E4	CORE	Test Mobile Maintenance Facility (MMF) components <i>Quality Control Analysis Systems Analysis</i>	<i>Deductive Reasoning Problem Sensitivity</i>
E4	CORE	Test Mobile Maintenance Facility (MMF) generator components <i>Quality Control Analysis Systems Analysis</i>	<i>Deductive Reasoning Problem Sensitivity</i>
E4	CORE	Troubleshoot air conditioning and refrigeration equipment components <i>Systems Analysis Troubleshooting</i>	<i>Originality Problem Sensitivity</i>
E4	CORE	Troubleshoot air conditioning and refrigeration reclaimer equipment components <i>Systems Analysis Troubleshooting</i>	<i>Originality Problem Sensitivity</i>
E4	CORE	Troubleshoot Environmental Control Units (ECU) <i>Systems Analysis Troubleshooting</i>	<i>Originality Problem Sensitivity</i>
E4	CORE	Troubleshoot leak points on Environmental Control Unit (ECU) components <i>Systems Analysis Troubleshooting</i>	<i>Originality Problem Sensitivity</i>
E4	CORE	Troubleshoot Mobile Electric Power Plant (MEPP) components <i>Systems Analysis Troubleshooting</i>	<i>Originality Problem Sensitivity</i>
E4	CORE	Troubleshoot Mobile Maintenance Facility (MMF) components <i>Systems Analysis Troubleshooting</i>	<i>Originality Problem Sensitivity</i>
E4	CORE	Troubleshoot Mobile Maintenance Facility (MMF) generator components <i>Systems Analysis Troubleshooting</i>	<i>Originality Problem Sensitivity</i>

GENERAL SUPPORT EQUIPMENT MAINTENANCE

<u>Pavgrade</u>	<u>Task Type</u>	<u>Task Statements</u>	<u>Skills</u>	<u>Abilities</u>
E4	CORE	Conduct flight deck troubleshooter operations	<i>Complex Problem Solving Coordination</i>	<i>Auditory Attention Spatial Orientation</i>
E4	CORE	Maintain aircraft Peculiar Support Equipment (PSE) systems <i>Equipment Maintenance Systems Evaluation</i>		<i>Deductive Reasoning Inductive Reasoning</i>
E4	CORE	Maintain Common Support Equipment (CSE) systems <i>Equipment Maintenance Systems Evaluation</i>		<i>Deductive Reasoning Inductive Reasoning</i>

E4	CORE	Maintain Material Handling Equipment (MHE) systems <i>Equipment Maintenance</i> <i>Systems Evaluation</i>	<i>Deductive Reasoning</i> <i>Inductive Reasoning</i>
E4	CORE	Repair aircraft Peculiar Support Equipment (PSE) systems <i>Equipment Maintenance</i> <i>Systems Analysis</i>	<i>Inductive Reasoning</i> <i>Problem Sensitivity</i>
E4	CORE	Repair Common Support Equipment (CSE) systems <i>Equipment Maintenance</i> <i>Systems Analysis</i>	<i>Inductive Reasoning</i> <i>Problem Sensitivity</i>
E4	CORE	Test aircraft Peculiar Support Equipment (PSE) components <i>Quality Control Analysis</i> <i>Systems Analysis</i>	<i>Deductive Reasoning</i> <i>Problem Sensitivity</i>
E4	CORE	Test Common Support Equipment (CSE) components <i>Quality Control Analysis</i> <i>Systems Analysis</i>	<i>Deductive Reasoning</i> <i>Problem Sensitivity</i>
E4	CORE	Troubleshoot aircraft Peculiar Support Equipment (PSE) equipment systems <i>Systems Analysis</i> <i>Troubleshooting</i>	<i>Originality</i> <i>Problem Sensitivity</i>
E4	CORE	Troubleshoot Common Support Equipment (CSE) components <i>Systems Analysis</i> <i>Troubleshooting</i>	<i>Originality</i> <i>Problem Sensitivity</i>

HYDRAULIC/PNEUMATIC MAINTENANCE

<u>Paygrade</u>	<u>Task Type</u>	<u>Task Statements</u>	<u>Skills</u>	<u>Abilities</u>
E4	CORE	Maintain gaseous nitrogen support equipment	Equipment Maintenance Systems Evaluation	Deductive Reasoning Inductive Reasoning
E4	CORE	Maintain gaseous oxygen support equipment	Equipment Maintenance Systems Evaluation	Deductive Reasoning Inductive Reasoning
E4	CORE	Maintain hydraulic contamination controls	Equipment Maintenance Systems Evaluation	Deductive Reasoning Inductive Reasoning
E4	CORE	Maintain Liquid Oxygen (LOX) support equipment	Equipment Maintenance Systems Evaluation	Deductive Reasoning Inductive Reasoning
E4	CORE	Maintain support equipment hydraulic power supplies	Equipment Maintenance Systems Evaluation	Deductive Reasoning Inductive Reasoning
E4	CORE	Maintain support equipment hydraulic purification equipment	Equipment Maintenance Systems Evaluation	Deductive Reasoning Inductive Reasoning
E4	CORE	Maintain support equipment Hydraulic Servicing Units (HSU)	Equipment Maintenance Systems Evaluation	Deductive Reasoning Inductive Reasoning
E4	CORE	Perform support equipment hydraulic purification procedures	Equipment Selection Repairing	Deductive Reasoning Problem Sensitivity
E4	CORE	Recharge air condition and refrigeration equipment refrigerants	Equipment Maintenance Systems Analysis	Inductive Reasoning Problem Sensitivity
E4	CORE	Recharge Environmental Control Unit (ECU) refrigerants	Equipment Maintenance Systems Analysis	Inductive Reasoning Problem Sensitivity
E4	CORE	Recover air condition and refrigeration equipment refrigerants	Equipment Maintenance Systems Analysis	Inductive Reasoning Problem Sensitivity
E4	CORE	Recover Environmental Control Unit (ECU) refrigerants	Equipment Maintenance Systems Analysis	Inductive Reasoning Problem Sensitivity
E4	CORE	Repair air conditioning and refrigeration equipment	Equipment Maintenance Systems Analysis	Inductive Reasoning Problem Sensitivity
E4	CORE	Repair air conditioning and refrigeration reclaiming equipment	Equipment Maintenance Systems Analysis	Inductive Reasoning Problem Sensitivity

E4	CORE	Repair gaseous nitrogen support equipment <i>Equipment Maintenance Systems Analysis</i>	<i>Inductive Reasoning Problem Sensitivity</i>
E5	CORE	Repair gaseous oxygen support equipment <i>Equipment Maintenance Systems Analysis</i>	<i>Inductive Reasoning Problem Sensitivity</i>
E4	CORE	Repair hydraulic system components <i>Equipment Maintenance Systems Analysis</i>	<i>Inductive Reasoning Problem Sensitivity</i>
E5	CORE	Repair Liquid Oxygen (LOX) support equipment <i>Equipment Maintenance Systems Analysis</i>	<i>Inductive Reasoning Problem Sensitivity</i>
E4	CORE	Repair support equipment hydraulic power supply <i>Equipment Maintenance Systems Analysis</i>	<i>Inductive Reasoning Problem Sensitivity</i>
E4	CORE	Repair support equipment hydraulic purification equipment <i>Equipment Maintenance Systems Analysis</i>	<i>Inductive Reasoning Problem Sensitivity</i>
E4	CORE	Test gaseous nitrogen system components <i>Quality Control Analysis Systems Analysis</i>	<i>Deductive Reasoning Problem Sensitivity</i>
E4	CORE	Test gaseous oxygen system components <i>Quality Control Analysis Systems Analysis</i>	<i>Deductive Reasoning Problem Sensitivity</i>
E4	CORE	Test hydraulic fluids for contamination <i>Quality Control Analysis Systems Analysis</i>	<i>Deductive Reasoning Problem Sensitivity</i>
E4	CORE	Test hydraulic system components <i>Quality Control Analysis Systems Analysis</i>	<i>Deductive Reasoning Problem Sensitivity</i>
E4	CORE	Test Liquid Oxygen (LOX) system components <i>Quality Control Analysis Systems Analysis</i>	<i>Deductive Reasoning Problem Sensitivity</i>
E4	CORE	Test support equipment hydraulic power supply system components <i>Quality Control Analysis Systems Analysis</i>	<i>Deductive Reasoning Problem Sensitivity</i>
E4	CORE	Test support equipment hydraulic purification components <i>Quality Control Analysis Systems Analysis</i>	<i>Deductive Reasoning Problem Sensitivity</i>
E4	CORE	Troubleshoot gaseous nitrogen system components <i>Systems Analysis Troubleshooting</i>	<i>Originality Problem Sensitivity</i>
E4	CORE	Troubleshoot gaseous oxygen components <i>Systems Analysis Troubleshooting</i>	<i>Originality Problem Sensitivity</i>
E4	CORE	Troubleshoot Liquid Oxygen (LOX) components <i>Systems Analysis Troubleshooting</i>	<i>Originality Problem Sensitivity</i>
E4	CORE	Troubleshoot support equipment hydraulic power supply components <i>Systems Analysis Troubleshooting</i>	<i>Originality Problem Sensitivity</i>
E4	CORE	Troubleshoot support equipment hydraulic purification equipment components <i>Systems Analysis Troubleshooting</i>	<i>Originality Problem Sensitivity</i>
E4	CORE	Troubleshoot support equipment Hydraulic Servicing Units (HSU) <i>Systems Analysis Troubleshooting</i>	<i>Originality Problem Sensitivity</i>

MANAGEMENT

<u>Paygrade</u>	<u>Task Type</u>	<u>Task Statements</u>	<u>Skills</u>	<u>Abilities</u>
E6	CORE	Coordinate Due-In From Maintenance (DIFM) reports	Critical Thinking Reading Comprehension	Inductive Reasoning Written Comprehension
E7	CORE	Manage curriculum development of Apprentice and Journeyman schools	Judgment and Decision Making Management of Personnel Resources	Deductive Reasoning Originality

E7	CORE	Manage depot level maintenance requirements	<i>Judgment and Decision Making</i>	<i>Deductive Reasoning</i>
E7	CORE	Manage division Production Control	<i>Management of Personnel Resources</i>	<i>Originality</i>
E5	CORE	Manage flight deck troubleshooter operations	<i>Coordination</i>	<i>Deductive Reasoning</i>
E7	CORE	Manage Intermediate level maintenance requirements	<i>Management of Personnel Resources</i>	<i>Originality</i>
E5	CORE	Manage material control assets	<i>Equipment Selection</i>	<i>Deductive Reasoning</i>
E6	CORE	Manage production control processes	<i>Management of Material Resources</i>	<i>Originality</i>
E5	CORE	Manage support equipment asset inventories	<i>Coordination</i>	<i>Deductive Reasoning</i>
E5	CORE	Manage support equipment issues and receipts	<i>Equipment Selection</i>	<i>Deductive Reasoning</i>
E5	CORE	Manage support equipment logs and records	<i>Management of Material Resources</i>	<i>Originality</i>
E6	CORE	Manage support equipment tool room operations	<i>Coordination</i>	<i>Deductive Reasoning</i>
E6	CORE	Manage technical directives compliance programs	<i>Management of Material Resources</i>	<i>Originality</i>
E5	CORE	Manage training and support equipment operator licensing programs	<i>Writing</i>	<i>Deductive Reasoning</i>
			<i>Equipment Selection</i>	<i>Originality</i>
			<i>Management of Personnel Resources</i>	<i>Originality</i>
			<i>Instructing</i>	<i>Deductive Reasoning</i>
			<i>Management of Personnel Resources</i>	<i>Originality</i>
			<i>Instructing</i>	<i>Deductive Reasoning</i>
			<i>Management of Personnel Resources</i>	<i>Originality</i>

MECHANICAL MAINTENANCE

<u>Pavgrade</u>	<u>Task Type</u>	<u>Task Statements</u>	<u>Skills</u>	<u>Abilities</u>
E4	CORE	Maintain aircraft crash and salvage equipment	<i>Equipment Maintenance</i>	<i>Deductive Reasoning</i>
E4	CORE	Maintain aircraft tow tractor systems	<i>Systems Evaluation</i>	<i>Inductive Reasoning</i>
E4	CORE	Maintain de-icing equipment systems	<i>Equipment Maintenance</i>	<i>Deductive Reasoning</i>
E4	CORE	Maintain gas turbine engine systems	<i>Systems Evaluation</i>	<i>Inductive Reasoning</i>
E4	CORE	Maintain Weapons Handling Equipment (WHE) systems	<i>Equipment Maintenance</i>	<i>Deductive Reasoning</i>
E5	CORE	Repair aircraft crash and salvage systems	<i>Systems Evaluation</i>	<i>Inductive Reasoning</i>
E4	CORE	Repair aircraft tow tractor systems	<i>Systems Analysis</i>	<i>Problem Sensitivity</i>
E4	CORE	Repair de-icing equipment systems	<i>Equipment Maintenance</i>	<i>Inductive Reasoning</i>
E4	CORE	Repair gas turbine engine components	<i>Systems Analysis</i>	<i>Problem Sensitivity</i>
			<i>Equipment Maintenance</i>	<i>Inductive Reasoning</i>
			<i>Systems Analysis</i>	<i>Problem Sensitivity</i>

E4	CORE	Repair Material Handling Equipment (MHE) systems <i>Equipment Maintenance Systems Analysis</i>	<i>Inductive Reasoning Problem Sensitivity</i>
E4	CORE	Repair Weapons Handling Equipment (WHE) systems <i>Equipment Maintenance Systems Analysis</i>	<i>Inductive Reasoning Problem Sensitivity</i>
E5	CORE	Test aircraft crash and salvage equipment system components <i>Quality Control Analysis Systems Analysis</i>	<i>Deductive Reasoning Problem Sensitivity</i>
E4	CORE	Test aircraft tow tractor system components <i>Quality Control Analysis Systems Analysis</i>	<i>Deductive Reasoning Problem Sensitivity</i>
E4	CORE	Test de-icing equipment system components <i>Quality Control Analysis Systems Analysis</i>	<i>Deductive Reasoning Problem Sensitivity</i>
E4	CORE	Test gas turbine engine components <i>Quality Control Analysis Systems Analysis</i>	<i>Deductive Reasoning Problem Sensitivity</i>
E4	CORE	Test Material Handling Equipment (MHE) system components <i>Quality Control Analysis Systems Analysis</i>	<i>Deductive Reasoning Problem Sensitivity</i>
E4	CORE	Test Weapons Handling Equipment (WHE) system components <i>Quality Control Analysis Systems Analysis</i>	<i>Deductive Reasoning Problem Sensitivity</i>
E5	CORE	Troubleshoot aircraft crash and salvage components <i>Systems Analysis Troubleshooting</i>	<i>Originality Problem Sensitivity</i>
E4	CORE	Troubleshoot aircraft tow tractor system components <i>Systems Analysis Troubleshooting</i>	<i>Originality Problem Sensitivity</i>
E4	CORE	Troubleshoot de-icing equipment components <i>Systems Analysis Troubleshooting</i>	<i>Originality Problem Sensitivity</i>
E4	CORE	Troubleshoot gas turbine engine components <i>Systems Analysis Troubleshooting</i>	<i>Originality Problem Sensitivity</i>
E4	CORE	Troubleshoot Material Handling Equipment (MHE) components <i>Systems Analysis Troubleshooting</i>	<i>Originality Problem Sensitivity</i>
E4	CORE	Troubleshoot Weapons Handling Equipment (WHE) components <i>Systems Analysis Troubleshooting</i>	<i>Originality Problem Sensitivity</i>

QUALITY ASSURANCE

<u>Pavgrade</u>	<u>Task Type</u>	<u>Task Statements</u>	<u>Skills</u>	<u>Abilities</u>
E4	CORE	Inspect air conditioning and refrigeration equipment	<i>Operation Monitoring Quality Control Analysis</i>	<i>Deductive Reasoning Problem Sensitivity</i>
E4	CORE	Inspect air conditioning and refrigeration reclaiming equipment	<i>Operation Monitoring Quality Control Analysis</i>	<i>Deductive Reasoning Problem Sensitivity</i>
E4	CORE	Inspect aircraft crash and salvage equipment systems	<i>Quality Control Analysis Systems Evaluation</i>	<i>Deductive Reasoning Problem Sensitivity</i>
E4	CORE	Inspect aircraft Peculiar Support Equipment (PSE) systems	<i>Quality Control Analysis Systems Evaluation</i>	<i>Deductive Reasoning Problem Sensitivity</i>
E4	CORE	Inspect aircraft tow tractor systems	<i>Quality Control Analysis Systems Evaluation</i>	<i>Deductive Reasoning Problem Sensitivity</i>
E4	CORE	Inspect Common Support Equipment (CSE) systems	<i>Quality Control Analysis Systems Evaluation</i>	<i>Deductive Reasoning Problem Sensitivity</i>
E4	CORE	Inspect de-icing equipment systems	<i>Quality Control Analysis Systems Evaluation</i>	<i>Deductive Reasoning Problem Sensitivity</i>

E4	CORE	Inspect Environmental Control Unit (ECU) systems	<i>Operation Monitoring</i>	<i>Deductive Reasoning</i>
			<i>Quality Control Analysis</i>	<i>Problem Sensitivity</i>
E4	CORE	Inspect gas turbine engine systems	<i>Operation Monitoring</i>	<i>Deductive Reasoning</i>
			<i>Quality Control Analysis</i>	<i>Problem Sensitivity</i>
E4	CORE	Inspect gaseous nitrogen support equipment	<i>Operation Monitoring</i>	<i>Deductive Reasoning</i>
			<i>Quality Control Analysis</i>	<i>Problem Sensitivity</i>
E4	CORE	Inspect gaseous oxygen support equipment	<i>Operation Monitoring</i>	<i>Deductive Reasoning</i>
			<i>Quality Control Analysis</i>	<i>Problem Sensitivity</i>
E4	CORE	Inspect hydraulic system components	<i>Operation Monitoring</i>	<i>Deductive Reasoning</i>
			<i>Quality Control Analysis</i>	<i>Problem Sensitivity</i>
E4	CORE	Inspect Liquid Oxygen (LOX) support equipment	<i>Operation Monitoring</i>	<i>Deductive Reasoning</i>
			<i>Quality Control Analysis</i>	<i>Problem Sensitivity</i>
E4	CORE	Inspect Material Handling Equipment (MHE) systems	<i>Quality Control Analysis</i>	<i>Deductive Reasoning</i>
			<i>Systems Evaluation</i>	<i>Problem Sensitivity</i>
E4	CORE	Inspect Mobile Electric Power Plant (MEPP) systems	<i>Operation Monitoring</i>	<i>Problem Sensitivity</i>
			<i>Quality Control Analysis</i>	<i>Deductive Reasoning</i>
E4	CORE	Inspect Mobile Maintenance Facility (MMF) generator systems	<i>Quality Control Analysis</i>	<i>Deductive Reasoning</i>
			<i>Systems Evaluation</i>	<i>Problem Sensitivity</i>
E4	CORE	Inspect Mobile Maintenance Facility (MMF) systems	<i>Quality Control Analysis</i>	<i>Deductive Reasoning</i>
			<i>Systems Evaluation</i>	<i>Problem Sensitivity</i>
E4	CORE	Inspect support equipment hydraulic power supplies	<i>Quality Control Analysis</i>	<i>Deductive Reasoning</i>
			<i>Systems Evaluation</i>	<i>Problem Sensitivity</i>
E4	CORE	Inspect support equipment hydraulic purification equipment	<i>Quality Control Analysis</i>	<i>Deductive Reasoning</i>
			<i>Systems Evaluation</i>	<i>Problem Sensitivity</i>
E4	CORE	Inspect Weapons Handling Equipment (WHE) systems	<i>Quality Control Analysis</i>	<i>Deductive Reasoning</i>
			<i>Systems Evaluation</i>	<i>Problem Sensitivity</i>
E7	CORE	Manage Quality Assurance (QA) program	<i>Active Learning</i>	<i>Deductive Reasoning</i>
			<i>Management of Personnel Resources</i>	<i>Originality</i>

TECHNICAL ADMINISTRATION

<u>Paygrade</u>	<u>Task Type</u>	<u>Task Statements</u>	<u>Skills</u>	<u>Abilities</u>
E5	CORE	Determine level site locations for Mobile and Maintenance Facilities (MMF)	<i>Judgment and Decision Making</i>	<i>Deductive Reasoning</i>
			<i>Systems Analysis</i>	<i>Originality</i>
E6	CORE	Direct equipment discrepancy report verifications	<i>Judgment and Decision Making</i>	<i>Inductive Reasoning</i>
			<i>Reading Comprehension</i>	<i>Originality</i>
E4	CORE	Document maintenance actions	<i>Systems Analysis</i>	<i>Information Ordering</i>
			<i>Writing</i>	<i>Inductive Reasoning</i>

CHAPTER 1



AVIATION BOATSWAIN'S MATE (AB)

NAVPERS 18068-1D
CH-63

Updated: July 2015

TABLE OF CONTENTS
AVIATION BOATSWAIN'S MATE (AIRCRAFT HANDLING) (ABH)

SCOPE OF RATING	AB-3(H)
GENERAL INFORMATION	AB-4(H)
AIRCRAFT DIRECTOR	AB-5(H)
SHIPBOARD/SHORE AIRCRAFT FIREFIGHTING/CRASH AND SALVAGE	AB-5(H)
SHIPBOARD/SHORE STATION AIRCRAFT HANDLING	AB-5(H)
SHIPBOARD/SHORE STATION MAINTENANCE	AB-8(H)
CRASH AND SALVAGE FIRE FIGHTER	AB-9(H)
SHIPBOARD/SHORE AIRCRAFT FIREFIGHTING/CRASH AND SALVAGE	AB-9(H)
SHIPBOARD/SHORE STATION AIRCRAFT HANDLING	AB-10(H)
SHIPBOARD/SHORE STATION MAINTENANCE	AB-11(H)
AIR OPERATIONS TECHNICIAN	AB-12(H)
SHIPBOARD/SHORE AIRCRAFT FIREFIGHTING/CRASH AND SALVAGE	AB-12(H)
SHIPBOARD/SHORE STATION AIRCRAFT HANDLING	AB-12(H)
SHIPBOARD/SHORE STATION MAINTENANCE	AB-12(H)

NAVY ENLISTED OCCUPATIONAL STANDARD
FOR
AVIATION BOATSWAIN'S MATE (AIRCRAFT HANDLING) (ABH)



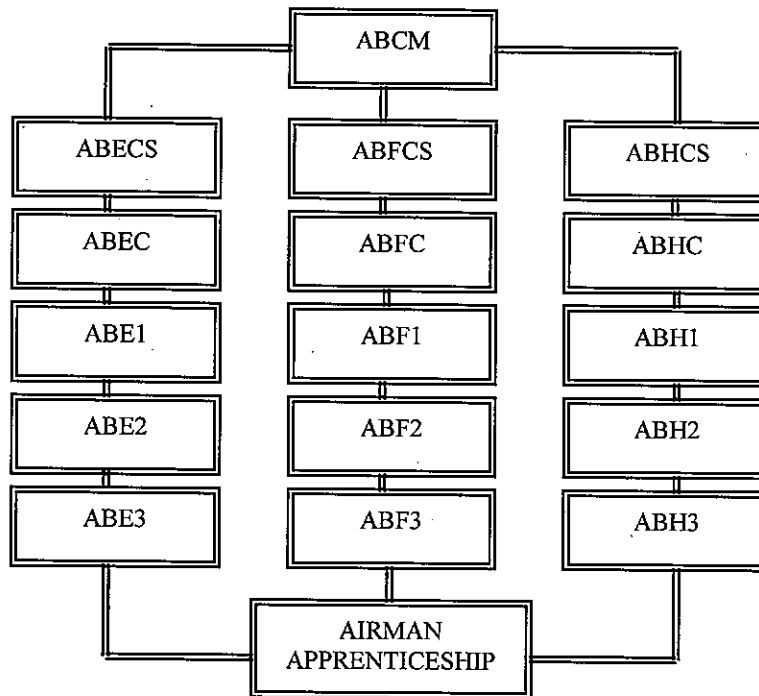
SCOPE OF RATING

Aviation Boatswain's Mates (AB) operate, maintain, and perform organizational maintenance on catapults, arresting gear, barricades, and associated flightdeck launching and recovery equipment; operate and service aircraft ground-handling equipment and machinery; operate and service aircraft crash, firefighting, and rescue equipment; handle aircraft afloat and ashore; operate, maintain, and repair aviation fueling, defueling, lubricating oil, and inert gas systems; perform crash rescue, firefighting, crash removal, and damage control duties.

Aviation Boatswain's Mates (Aircraft Handling) (ABH) direct the movement and spotting of aircraft ashore and afloat; operate, maintain, and perform organizational maintenance on ground-handling equipment used for moving and hoisting of aircraft ashore and afloat; supervise securing of aircraft and equipment; perform crash rescue, firefighting, crash removal, and damage control duties; perform duties in connection with launching and recovery of aircraft.

This Occupational Standard is to be incorporated in Volume I, Part B, of the Manual of Navy Enlisted Manpower and Personnel Classifications and Occupational Standards (NAVPERS 18068F) in Chapter 1.

**GENERAL INFORMATION
CAREER PATTERN**



Normal path of advancement to Chief Warrant Officer and Limited Duty Officer categories can be found in OPNAVINST 1420.1.

For rating entry requirements, refer to MILPERSMAN 1306-618.

SAFETY

The observance of Operational Risk Management (ORM) and proper safety precautions in all areas is an integral part of each billet and the responsibility of every Sailor; therefore, it is a universal requirement for all ratings.

Job Title**Aircraft Director****Job Code****001195****Job Family**

Transportation and Material Moving

NOC

TBD

Short Title (30 Characters)

AIRCRAFT DIRECTOR

Short Title (14 Characters)

ACRFT DIRECTOR

Pay Plan

Enlisted

Career Field

ABH

Other Relationships and Rules

None

Job Description

Aircraft Directors are responsible for the safe and expeditious movement of aircraft on flight decks, hangar decks, and ashore which includes the installation and removal of chocks, tie downs, and tow bars; operate tractors, elevators, conflagration stations, ouija board spotters, and safety observers; have a working knowledge of the Planned Maintenance System (PMS), deck multiple/density, aircraft fundamentals/systems and flight/hangar deck operations; and responsible for administrative duties, training initiatives, technical publication libraries, operational readiness of equipment, and upkeep of divisional spaces.

DoD Relationship**Group Title**

Aircraft Launch Equipment

DoD Code

160400

O*NET Relationship**Occupation Title**

Airfield Operations Specialists

SOC Code

53-2022.00

Job Family

Transportation and Material Moving

Skills*Judgment and Decision Making**Coordination**Complex Problem Solving**Equipment Selection**Operation and Control**Monitoring**Operation Monitoring**Installation**Quality Control Analysis**Active Listening***Abilities***Visualization**Information Ordering**Multi-limb Coordination**Deductive Reasoning**Written Comprehension**Static Strength**Inductive Reasoning**Originality**Oral Expression**Manual Dexterity***SHIPBOARD/SHORE AIRCRAFT FIREFIGHTING/CRASH AND SALVAGE****Paygrade****Task Type****Task Statements**

E4

CORE

Execute hangar bay fire drills

E4

CORE

Man variable position nozzles and hose control devices (1 1/2", 2 1/2" diameter)

E4

CORE

Operate aircraft firefighting equipment in the hangar bays

E4

CORE

Operate aircraft firefighting equipment on flight decks

E4

CORE

Perform conflagration station operations

E4

CORE

Perform flight deck aircraft firefighting procedures

E4

CORE

Perform hangar bay aircraft firefighting procedures

SHIPBOARD/SHORE STATION AIRCRAFT HANDLING**Paygrade****Task Type****Task Statements**

E7

CORE

Account for multiple density of flight deck (F/A-18, EA-6B, E-2C, P-25, Carrier Crash Crane (CVCC), Amphibious Crash Crane (ACC), etc.)

E4

CORE

Attach tow bars from tractors

E4

CORE

Calculate elevator loads

E7

CORE

Calculate sea states

E4

CORE

Chock aircraft with rotors (H-60, H-53, etc.)

E4

CORE

Close ballistic doors

E7

CORE

Complete damage/crunch reports

AB-5(H)

E6	CORE	Conduct Air Department Training Team (ADTT) procedures
E4	CORE	Conduct aircraft handling support equipment (spotting dolly, tow tractor, Mobile Electric Power Plant (MEPP-3)) daily inspections
E4	CORE	Conduct aircraft handling support equipment (spotting dolly, tow tractor, Mobile Electric Power Plant (MEPP-3)) post-operational checks
E6	CORE	Conduct deck caller procedures during flight deck operations
E6	CORE	Conduct flight deck personnel respot briefings
E4	CORE	Conduct flight deck post-operational inspections
E5	CORE	Conduct flight deck safety training
E4	CORE	Conduct Foreign Object Debris (FOD) walk downs
E4	CORE	Conduct hangar bay post-operational inspections
E5	CORE	Conduct hangar bay safety training
E4	CORE	Conduct hot chockman procedures
E4	CORE	Conduct pre-operational inspections of the flight deck
E4	CORE	Conduct pre-operational inspections of the hangar bays
E7	CORE	Coordinate aircraft respot via air plans
E5	CORE	Coordinate launch evolutions in fly 1 areas
E5	CORE	Coordinate launch evolutions in fly 2 areas
E5	CORE	Coordinate launch evolutions in fly 3 areas
E6	CORE	Coordinate liquid Foreign Object Debris (FOD) program
E5	CORE	Coordinate recovery evolutions in fly 1 areas
E5	CORE	Coordinate recovery evolutions in fly 2 areas
E5	CORE	Coordinate recovery evolutions in fly 3 areas
E6	CORE	Coordinate respot evolutions (flight deck, hangar bay)
E5	CORE	Coordinate turning aircraft in the hangar bays
E4	CORE	De-rig safety flag staffs
E4	CORE	De-rig safety rails
E5	CORE	Dispatch starting units positions for maintenance turns (tow tractor, Mobile Electric Power Plants (MEPP-3))
E5	CORE	Dispatch tow tractors and dollies for respots of aircraft
E4	CORE	Execute barricade drills
E4	CORE	Execute fuel station fire drills (flight deck, hangar bay)
E4	CORE	Identify primary mooring points (F/A-18, EA-6B, E-2C, etc.)
E5	CORE	Inspect aircraft elevator platforms (flight deck, hangar bay)
E5	CORE	Inspect coamings (flight deck, hangar bay)
E5	CORE	Inspect safety nets (flight deck, hangar bay)
E4	CORE	Install aircraft chains (F/A-18, EA-6B, E-2C, etc.)
E4	CORE	Install aircraft chocks (F/A-18, EA-6B, E-2C, etc.)
E4	CORE	Install aircraft tow bars (F/A-18, EA-6B, E-2C, etc.)
E4	CORE	Install barricade ramps
E4	CORE	Interpret audio signals (flight deck, hangar bay)

E4	CORE	Interpret visual signals (flight deck, hangar bay)
E4	CORE	Lower aircraft elevator in normal mode
E4	CORE	Lower aircraft elevator through lower and raise cycles in manual mode
E4	CORE	Lower safety stanchions (flight deck, hangar bay)
E4	CORE	Maintain conflagration station watch logs
E4	CORE	Manage liquid Foreign Object Debris (FOD) program
E4	CORE	Manually release spotting dolly lifting arms from aircraft
E5	NON-CORE	Monitor aircraft handling support equipment (spotting dolly, tow tractor, Mobile Electric Power Plant (MEPP-3)) maintenance and service requirements
E4	CORE	Monitor starting units positions for maintenance turns (tow tractor, Mobile Electric Power Plant (MEPP-3))
E4	CORE	Move no-brake aircraft
E4	CORE	Open ballistic doors
E4	CORE	Operate mobile support equipment
E7	CORE	Perform Aircraft Handling Officer (AHO) duties during flight operations
E4	CORE	Perform aircraft hydraulic failure emergency procedures
E5	CORE	Perform Aircraft launch/maintenance/recovery respots
E4	CORE	Perform aircraft safety observer procedures
E4	CORE	Perform airfield support operations
E4	CORE	Perform chock walker procedures for aircraft (F/A-18, EA-6B, E-2C, C-2, etc.)
E4	CORE	Perform flight deck aircraft movements
E4	CORE	Perform flight deck elevator operations
E4	CORE	Perform hangar bay aircraft movements
E4	CORE	Perform hangar bay elevator operations
E4	CORE	Perform no-brake aircraft emergency procedures
E4	CORE	Plot spotting boards (Ouija/templates) using aircraft spotting phraseology (flight deck, hangar bay)
E4	CORE	Preform liquid Foreign Object Debris (FOD) removal
E5	CORE	Prepare damage/crunch reports
E5	CORE	Provide aircraft (F/A-18, EA-6B, E-2C, etc.) electrical service via Mobile Electric Power Plants (MEPP-3)
E4	CORE	Provide aircraft flight deck start-up service (electrical, air start power, APU) auxiliary power
E4	CORE	Provide aircraft hangar bay service (electrical, air start power, APU) auxiliary power
E5	CORE	Provide start air to aircraft (EA-6B, E-2C, F/A-18, etc.)
E4	CORE	Raise aircraft elevator in normal mode
E4	CORE	Raise aircraft elevator through lower and raise cycles in manual mode
E4	CORE	Raise safety stanchions (flight deck, hangar bay)
E4	CORE	Release tow bar from tractors
E4	CORE	Remove barricade ramps

E4	CORE	Respond to audio signals (flight deck, hangar bay)
E4	CORE	Respond to visual signals (flight deck, hangar bay)
E5	CORE	Rig aircraft jettison stations
E4	CORE	Rig safety flag staffs
E4	CORE	Rig safety rails
E4	CORE	Secure aircraft handling equipment (chocks, chains, tow bars)
E4	CORE	Secure aircraft handling support equipment (spotting dolly, tow tractor, Mobile Electric Power Plant (MEPP-3))
E4	CORE	Stow aircraft handling equipment (chocks, chains, tow bars)
E4	CORE	Stow barricade ramps
E4	CORE	Stow safety flag staffs
E4	CORE	Stow safety rails
E6	CORE	Supervise aircraft traffic during recovery operations
E5	CORE	Supervise daily post-operational checks of aircraft handling support equipment (spotting dolly, tow tractor, Mobile Electric Power Plant (MEPP-3))
E5	CORE	Supervise daily pre-operational checks of aircraft handling support equipment (spotting dolly, tow tractor, Mobile Electric Power Plant (MEPP-3))
E7	CORE	Supervise flight deck operations
E6	CORE	Supervise Foreign Object Debris (FOD) walk downs
E6	CORE	Supervise liquid Foreign Object Debris (FOD) program
E6	CORE	Supervise post-operation of aircraft handling support equipment (spotting dolly, tow tractor, Mobile Electric Power Plant (MEPP-3))
E5	CORE	Supervise securing of aircraft handling support equipment (spotting dolly, tow tractor, Mobile Electric Power Plant (MEPP-3))
E4	CORE	Supervise turning aircraft in the hangar bays
E4	CORE	Support respot briefs (flight deck, hangar bay)
E4	CORE	Tie down aircraft

SHIPBOARD/SHORE STATIONS MAINTENANCE

<u>Paygrade</u>	<u>Task Type</u>	<u>Task Statements</u>
E5	CORE	Conduct non-skid Quality Assurance Inspector (QAI) procedures
E5	CORE	Input data to Organizational Maintenance and Material System - New Generation (OMMS-NG)
E4	CORE	Perform deck preservation in the hangar bays
E4	CORE	Perform deck preservation on flight decks

Job Title**Crash and Salvage Fire fighter****Job Code****001250****Job Family**

Healthcare Practitioners and Technical

NOC

TBD

Short Title (30 Characters)

CRASH AND SALVAGE FIRE FIGHTER

Short Title (14 Characters)

CRASH SALV FF

Pay Plan

Enlisted

Career Field

ABH

Other Relationships and Rules

7011

Job Description

Crash and Salvage Fire Fighters respond to aircraft emergencies, conduct firefighting, and perform rescue and salvage procedures for each type of aircraft carried onboard; and coordinate aircraft jettison operations, embark squadron training, perform equipment preventive maintenance requirements, and water related salvage operations.

DoD Relationship

Group Title **DoD Code**
Aircraft Launch Equipment 160400

O*NET Relationship

<u>Occupation Title</u>	<u>SOC Code</u>	<u>Job Family</u>
First-Line Supervisors of Fire Fighting and Prevention Workers	33-1021	Firefighter

Skills

Judgment and Decision Making
Complex Problem Solving
Coordination
Equipment Selection
Installation
Monitoring
Operation and Control
Operation Monitoring
Active Listening
Equipment Maintenance

Abilities

Information Ordering
Visualization
Multi-limb Coordination
Deductive Reasoning
Originality
Manual Dexterity
Dynamic Strength
Inductive Reasoning
Memorization
Static Strength

SHIPBOARD/SHORE AIRCRAFT FIREFIGHTING/CRASH AND SALVAGE

<u>Pavgrade</u>	<u>Task Type</u>	<u>Task Statements</u>
E4	CORE	Access aircraft ejection seats (F/A-18, EA-6B, E-2C, etc.)
E4	CORE	Access aircraft safety canopies (F/A-18, EA-6B, E-2C, etc.)
E4	CORE	Attach aircraft hoisting slings and belly bands (F/A-18, EA-6B, E-2C, etc.)
E4	CORE	Conduct emergency canopy jettison procedures (F/A-18, EA-6B, E-2C, etc.)
E7	CORE	Conduct fire chief procedures during airfield aircraft emergency operations
E4	CORE	Conduct flight deck rescue procedures
E4	CORE	Conduct hangar bay rescue procedures
E4	CORE	Conduct pre and post-operational checks of aircraft firefighting support equipment (P-25, Carrier Crash Crane (CVCC), Amphibious Crash Crane (ACC), etc.)
E4	CORE	Conduct rig master procedures during salvage operations
E4	CORE	Determine maximum hoisting weight (F/A-18, EA-6B, E-2C, etc.)
E4	CORE	Execute hangar bay fire drills
E4	CORE	Identify location of composite materials (F/A-18, EA-6B, E-2C, etc.)
E4	CORE	Install aircraft down locks (F/A-18, EA-6B, E-2C, etc.)
E4	CORE	Install stabilizing lines for aircraft hoisting
E4	CORE	Install tow bars on crash dollies
E4	CORE	Locate battery and Liquid Oxygen (LOX) compartments (F/A-18, EA-6B, E-2C, etc.)

E4	CORE	Maintain flight deck aircraft rescue and salvage equipment
E4	CORE	Man variable position nozzles and hose control devices (1 1/2", 2 1/2" diameter)
E5	CORE	Operate aircraft firefighting and salvage support equipment (P-25, Carrier Crash Crane (CVCC), Amphibious Crash Crane (ACC), etc.)
E4	CORE	Operate aircraft firefighting equipment in the hangar bays
E4	CORE	Operate aircraft firefighting equipment on flight decks
E4	CORE	Operate aircraft rescue equipment on flight decks
E4	CORE	Operate aircraft salvage equipment on flight decks
E4	CORE	Operate crash forklifts for aircrew rescues, collapsed nose gear incidents, and collapsed main mount incidents (F/A-18, EA-6B, E-2C, etc.)
E4	CORE	Operate taglines (F/A-18, EA-6B, E-2C, etc.)
E4	CORE	Perform flight deck aircraft firefighting procedures
E4	CORE	Perform hangar bay aircraft firefighting procedures
E4	CORE	Perform overhaul/residual fire checks (F/A-18, EA-6B, E-2C, etc.)
E4	CORE	Perform pre and pre-operational check of Personal Protective Equipment (PPE)
E4	CORE	Secure aircraft firefighting support equipment (P-25, Carrier Crash Crane (CVCC), Amphibious Crash Crane (ACC), etc.)
E4	CORE	Secure crash dolly for collapsed main mounts (F/A-18, EA-6B, E-2C, etc.)
E4	CORE	Secure crash dolly for collapsed nose gear (F/A-18, EA-6B, E-2C, etc.)
E4	CORE	Secure crash dolly for sheared main mounts (F/A-18, EA-6B, E-2C, etc.)
E4	CORE	Secure crash dolly for sheared nose gear (F/A-18, EA-6B, E-2C, etc.)
E5	CORE	Start aircraft firefighting and salvage support equipment (P-25, Carrier Crash Crane CVCC), Amphibious Crash Crane (ACC), etc.)
E6	CORE	Supervise installation of aircraft crash dollies (F/A-18, EA-6B, E-2C, etc.)
E6	CORE	Supervise installation of hoisting equipment (F/A-18, EA-6B, E-2C, etc.)
E6	CORE	Supervise operation of aircraft crash cranes
E6	CORE	Supervise positioning of crash forklifts for rescues
E6	CORE	Supervise salvage operations for helo/aircraft in the water
E6	CORE	Supervise salvage operations with composite material aircraft
E6	CORE	Supervise securing of aircraft crash dollies (F/A-18, EA-6B, E-2C, etc.)
E6	CORE	Tow aircraft

SHIPBOARD/ShORE STATION AIRCRAFT HANDLING

<u>Paygrade</u>	<u>Task Type</u>	<u>Task Statements</u>
E4	CORE	Attach tow bars from tractors
E6	CORE	Conduct Air Department Training Team (ADTT) procedures
E5	CORE	Conduct flight deck safety training
E6	CORE	Conduct flight deck salvage procedures
E5	CORE	Conduct hangar bay safety training
E4	CORE	Conduct hot chockman procedures
E4	CORE	Execute fuel station fire drills (flight deck, hangar bay)
E4	CORE	Identify primary mooring points (F/A-18, EA-6B, E-2C, etc.)

E4	CORE	Install aircraft chains (F/A-18, EA-6B, E-2C, etc.)
E4	CORE	Install aircraft chocks (F/A-18, EA-6B, E-2C, etc.)
E4	CORE	Install aircraft tow bars (F/A-18, EA-6B, E-2C, etc.)
E4	CORE	Interpret audio signals (flight deck, hangar bay)
E4	CORE	Interpret visual signals (flight deck, hangar bay)
E4	CORE	Operate mobile support equipment
E4	CORE	Perform aircraft hydraulic failure emergency procedures
E4	CORE	Perform flight deck salvage procedures
E4	CORE	Release tow bar from tractors
E4	CORE	Remove barricade ramps
E4	CORE	Respond to audio signals (flight deck, hangar bay)
E4	CORE	Respond to visual signals (flight deck, hangar bay)
E5	CORE	Rig aircraft jettison stations
E4	CORE	Stow barricade ramps
E7	CORE	Supervise flight deck operations

SHIPBOARD/SHORE STATIONS MAINTENANCE

<u>Paygrade</u>	<u>Task Type</u>	<u>Task Statements</u>
E5	CORE	Input data to Organizational Maintenance and Material System - New Generation (OMMS-NG)

Job Title**Air Operations Technician****Job Code****001555****Job Family**

Transportation and Material Moving

NOC

TBD

Short Title (30 Characters)

AIR OPERATIONS TECHNICIAN

Short Title (14 Characters)

AIR OPS TECH

Pay Plan

Enlisted

Career Field

ABH

Other Relationships and Rules

7012

Job Description

Air Operations Technicians ensure the safe operation of air fields; provide assistance to transient aircraft and aircrew personnel; perform aircraft movement, load priorities, and the servicing and maintenance of transiting aircraft; perform security and custody of cargo, mail, and hazardous materials, ensuring these items are properly packaged and palletized for aircraft; serve as firefighters; and are responsible for all firefighting and rescue operations at the immediate scene of aircraft/structural buildings on shore facilities.

DoD Relationship O*NET Relationship**Group Title**

Aircraft Launch Equipment

DoD Code

160400

Occupation Title

Airfield Operations Specialists

SOC Code

53-2022.00

Job Family

Transportation and Material Moving

Skills*Equipment Maintenance**Coordination**Judgment and Decision Making**Management of Material Resources**Operation and Control**Quality Control Analysis**Complex Problem Solving**Critical Thinking**Instructing**Monitoring***Abilities***Written Comprehension**Information Ordering**Visualization**Deductive Reasoning**Auditory Attention**Inductive Reasoning**Manual Dexterity**Multi-limb Coordination**Written Expression*

UNASSIGNED

SHIPBOARD/SHORE AIRCRAFT FIREFIGHTING/CRASH AND SALVAGE**Paygrade**

E7

Task Type

CORE

Task Statements

Conduct fire chief procedures during airfield aircraft emergency operations

SHIPBOARD/SHORE STATION AIRCRAFT HANDLING**Paygrade**

E5

Task Type

CORE

Task Statements

Conduct airfield operations safety training

E4

CORE

Operate mobile support equipment

E4

CORE

Perform airfield support operations

SHIPBOARD/SHORE STATIONS MAINTENANCE**Paygrade**

E5

Task Type

CORE

Task Statements

Conduct E-28 arresting gear journal inspections

E4

CORE

Conduct E-28 arresting gear post-operational inspections

E4

CORE

Conduct E-28 arresting gear pre-operational inspections

E4

CORE

Conduct E-28 engine start-up and shutdown procedures

E4

NON-CORE

Maintain Manually Operated Visual Landing Aid Systems (MOVLAS)

E4

CORE

Maintain shore based arresting gear

CHAPTER 1



AVIATION BOATSWAIN'S MATE (AB)

NAVPERS 18068-1D

CH-63

Updated: July 2015

TABLE OF CONTENTS

AVIATION BOATSWAIN'S MATE (FUELS) (ABF)

SCOPE OF RATING	AB-3(F)
GENERAL INFORMATION	AB-4(F)
AVIATION FUELS BELOW DECK OPERATIONS TECHNICIAN	AB-5(F)
FLIGHT/HANGAR DECK EQUIPMENT MAINTENANCE	AB-5(F)
FLIGHT/HANGAR DECK OPERATIONS	AB-5(F)
JP-5 BELOW DECKS SYSTEM MAINTENANCE	AB-5(F)
JP-5 BELOW DECKS SYSTEM OPERATIONS	AB-6(F)
QUALITY SURVEILLANCE	AB-6(F)
TECHNICAL ADMINISTRATION	AB-7(F)
AVIATION FUELS FLIGHT DECK OPERATIONS TECHNICIAN	AB-8(F)
FLIGHT/HANGAR DECK EQUIPMENT MAINTENANCE	AB-8(F)
FLIGHT/HANGAR DECK OPERATIONS	AB-8(F)
JP-5 BELOW DECKS SYSTEM OPERATIONS	AB-9(F)
QUALITY SURVEILLANCE	AB-9(F)
TECHNICAL ADMINISTRATION	AB-9(F)
AVIATION FUELS SHORE BASE OPERATIONS TECHNICIAN	AB-10(F)
FLIGHT/HANGAR DECK EQUIPMENT MAINTENANCE	AB-10(F)
FLIGHT/HANGAR DECK OPERATIONS	AB-10(F)
JP-5 BELOW DECKS SYSTEM OPERATIONS	AB-11(F)
QUALITY SURVEILLANCE	AB-11(F)
SHORE BASED REFUELING	AB-11(F)
TECHNICAL ADMINISTRATION	AB-11(F)

NAVY ENLISTED OCCUPATIONAL STANDARD

FOR

AVIATION BOATSWAIN'S MATE (FUELS) (ABF)



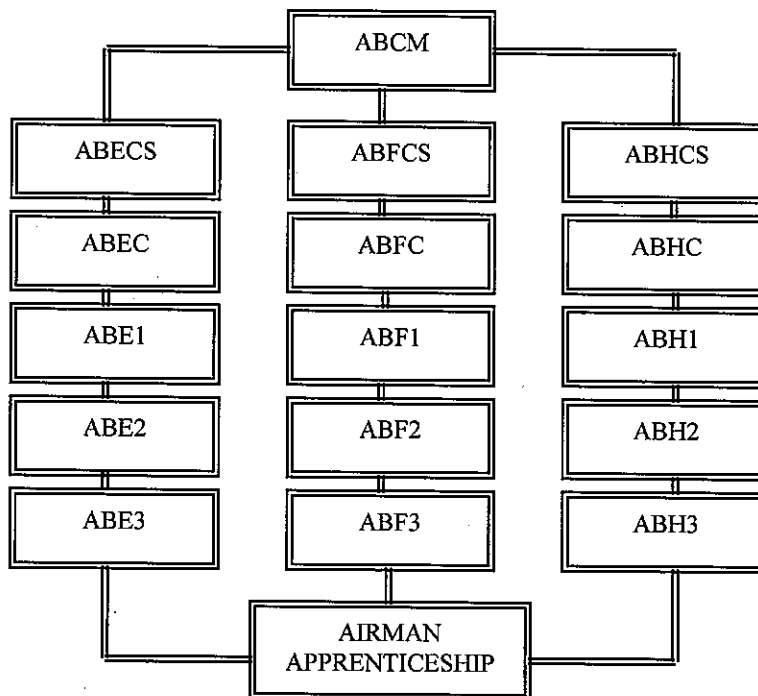
SCOPE OF RATING

Aviation Boatswain's Mates (AB) operate, maintain, and perform organizational maintenance on catapults, arresting gear, barricades, and associated flight deck launching and recovery equipment; operate and service aircraft ground-handling equipment and machinery; operate and service aircraft crash, firefighting, and rescue equipment; handle aircraft afloat and ashore; operate, maintain, and repair aviation fueling, defueling, lubricating oil, and inert gas systems; perform crash rescue, firefighting, crash removal, and damage control duties.

Aviation Boatswain's Mates, Fuels (ABF) operate, maintain, and perform organizational maintenance on aviation fueling and lubricating oil systems in CVNs, LHAs, LHDs, and LPDs, including aviation fuel and lubricating oil service stations and pump rooms, piping, valves, pumps, tanks, and portable equipment related to the fuel system; operate, maintain, and repair valves and piping of purging and protective systems within the Air Department's spaces aboard ship; supervise the operation and servicing of fuel farms and equipment associated with the fueling and defueling of aircraft ashore and afloat; operate and service motorized fueling equipment; maintain fuel quality surveillance and control in aviation fuel systems ashore and afloat; train, direct, and supervise firefighting crews, fire rescue teams, and damage control parties in assigned fuel and lubricating oil spaces; observe and enforce fuel handling safety precautions.

This Occupational Standard is to be incorporated in Volume I, Part B, of the Manual of Navy Enlisted Manpower and Personnel Classifications and Occupational Standards (NAVPERS 18068F) in Chapter 1.

GENERAL INFORMATION CAREER PATTERN



Normal path of advancement to Chief Warrant Officer and Limited Duty Officer categories can be found in OPNAVINST 1420.1.

For rating entry requirements, refer to MILPERSMAN 1306-618.

SAFETY

The observance of Operational Risk Management (ORM) and proper safety precautions in all areas is an integral part of each billet and the responsibility of every Sailor; therefore, it is a universal requirement for all ratings.

Job Title**Aviation Fuels Below Deck Operations Technician****Job Code****001030****Job Family**

Transportation and Material Moving

NOC

TBD

Short Title (30 Characters)

AVFUELS BLWDECK OPS TECH

Short Title (14 Characters)

FUEL BDCK TECH

Pay Plan

Enlisted

Career Field

ABF

Other Relationships and Rules

May have NEC 7022 assigned

Job Description

Aviation Fuels Below Deck Operations Technicians ensure, supervise, and manage the safe receipt, transfer, purification and issue of JP5 aviation fuel to various locations throughout the ship; take samples; sound tanks; operate auxiliary, service, transfer, and stripping systems to perform various functions; perform preventive and corrective maintenance on equipment; and maintain the material condition of assigned spaces.

DoD Relationship**Group Title**

Aircraft Launch Equipment

DoD Code

160400

O*NET Relationship**Occupation Title**Automotive and Watercraft
Service Attendants**SOC Code**

53-6031.00

Job FamilyTransportation and Material
Moving**Skills**

Operation Monitoring

Equipment Selection

Troubleshooting

Mathematics

Quality Control Analysis

Equipment Maintenance

Judgment and Decision Making

Management of Personnel Resources

Complex Problem Solving

Critical Thinking

Abilities

Problem Sensitivity

Hearing Sensitivity

Depth Perception

Memorization

Multi-limb Coordination

Number Facility

Written Comprehension

Control Precision

Mathematical Reasoning

Reaction Time

FLIGHT/HANGAR DECK EQUIPMENT MAINTENANCE**Paygrade**

E5

Task Type

CORE

Task Statements

Coordinate fuel system equipment repairs

FLIGHT/HANGAR DECK OPERATIONS**Paygrade**

E4

Task Type

CORE

Task Statements

Defuel aircrafts

E5

CORE

Monitor emergency aircraft defueling operations

E4

CORE

Perform fueling operations

E6

CORE

Supervise equipment repair procedures

JP-5 BELOW DECKS SYSTEM EQUIPMENT MAINTENANCE**Paygrade**

E4

Task Type

CORE

Task Statements

Detect below deck material deficiencies

E4

CORE

Detect pump room equipment deficiencies

E4

CORE

Maintain material conditions of the JP5 filter separator

E5

CORE

Supervise below deck corrective maintenance procedures

JP-5 BELOW DECKS SYSTEM OPERATIONS

<u>Paygrade</u>	<u>Task Type</u>	<u>Task Statements</u>
E4	CORE	Align Underway Replenishment (UNREP) stations
E7	CORE	Approve fuel onload charts
E7	CORE	Approve tank sequences
E5	CORE	Conduct below deck space inspections
E6	CORE	Coordinate Underway Replenishment (UNREP) stations
E7	CORE	Manage below deck fueling operations
E7	NON-CORE	Manage below deck manning requirements
E6	CORE	Manage below deck personnel routines
E7	CORE	Manage below deck training programs
E7	CORE	Manage fuel system liquid loads
E6	CORE	Monitor ballasting and de-ballasting system operations
E6	CORE	Monitor below deck fire emergency procedures
E5	CORE	Monitor below deck fuel systems auxiliary operations
E4	CORE	Monitor catapult lube oil system operations
E5	CORE	Monitor fuel transfer system operations
E5	CORE	Monitor JP5 service system operations
E5	CORE	Monitor JP5 stripping system operations
E4	CORE	Perform auxiliary system operations
E4	CORE	Perform ballasting and de-ballasting system operations
E4	CORE	Perform below deck system operations
E4	CORE	Perform catapult lube oil system operations
E4	CORE	Perform emergency filter room procedures
E4	CORE	Perform emergency pump room procedures
E4	CORE	Perform filter room operations
E4	CORE	Perform fuel transfer system operations
E4	CORE	Perform JP5 service system operations
E4	CORE	Perform JP5 stripping system operations
E4	CORE	Sound JP5 fuel tanks
E7	CORE	Verify offloading procedures
E7	CORE	Verify sounding report accuracy

QUALITY SURVEILLANCE

<u>Paygrade</u>	<u>Task Type</u>	<u>Task Statements</u>
E4	CORE	Conduct quality surveillance tests
E4	CORE	Determine fuel characteristics
E5	CORE	Monitor aviation fuel quality surveillance procedures

TECHNICAL ADMINISTRATION

<u>Paygrade</u>	<u>Task Type</u>	<u>Task Statements</u>
E5	CORE	Input Organizational Maintenance Management System (OMMS) job data
E6	CORE	Maintain aviation fuels accountability records
E7	CORE	Manage Ship Operation Management System (SOMS)
E5	CORE	Perform fuel system administrative functions
E7	CORE	Verify Current Ships Maintenance Plans (CSMP)
E6	CORE	Verify Organizational Maintenance Management System (OMMS) jobs

Job Title**Aviation Fuels Flight Deck Operations Technician****Job Code****001085****Job Family**

Installation, Maintenance, and Repair

NOC

TBD

Short Title (30 Characters)

AVFUELS FLTDECK OPS TECH

Short Title (14 Characters)

FUEL FLT DECK

Pay Plan

Enlisted

Career Field

ABF

Other Relationships and Rules

None

Job Description

Aviation Fuels Flight Deck Operations Technicians ensure, supervise, and manage the safe receipt, transfer and issue of JP5 aviation fuel to various locations throughout the ship; take samples; perform quality surveillance of fuels; flush fuel stations; sound tanks; align flight deck fueling stations; fuel and defuel aircraft; perform preventive and corrective maintenance on equipment; and maintain the material condition of assigned spaces.

DoD Relationship**Group Title**

Aircraft Launch Equipment

DoD Code

160400

O*NET Relationship**Occupation Title**Maintenance and Repair Workers,
General**SOC Code**

49-9071.00

Job FamilyInstallation, Maintenance,
and Repair**Skills**

Operation Monitoring

Equipment Selection

Operation and Control

Troubleshooting

Instructing

Equipment Maintenance

Management of Personnel Resources

Quality Control Analysis

Judgment and Decision Making

Repairing

Abilities

Depth Perception

Problem Sensitivity

Memorization

Control Precision

Information Ordering

Peripheral Vision

Reaction Time

Written Expression

Hearing Sensitivity

Inductive Reasoning

FLIGHT/HANGAR DECK EQUIPMENT MAINTENANCE**Paygrade****Task Type****Task Statements**

E5

CORE

Coordinate fuel system equipment repairs

E4

CORE

Perform aviation fuels flight deck equipment planned maintenance

E4

CORE

Perform flight deck equipment repairs

E5

CORE

Supervise flight deck corrective maintenance procedures

FLIGHT/HANGAR DECK OPERATIONS**Paygrade****Task Type****Task Statements**

E5

CORE

Conduct inspections of flight deck stations

E4

CORE

Defuel aircrafts

E4

CORE

Detect fueling stations equipment deficiencies

E4

CORE

Detect fueling stations material deficiencies

E4

CORE

Fuel aircrafts

E7

CORE

Manage flight deck fueling operations

E7

CORE

Manage flight deck manning requirements

E6

CORE

Manage flight deck personnel routines

E4

CORE

Monitor aircraft fueling stations alignments

E5

CORE

Monitor emergency aircraft defueling operations

E5

CORE

Monitor flight deck fuel systems auxiliary operations

E4

CORE

Obtain visual sample from fueling stations

E4	CORE	Perform flight deck hot refueling operations
E4	CORE	Perform flight deck station operations
E4	CORE	Perform fuel station operations
E4	CORE	Perform fueling operations
E5	CORE	Supervise aircraft defueling operations
E7	CORE	Supervise aircraft emergency defueling operation
E6	CORE	Supervise aircraft to aircraft fuel transfers
E6	CORE	Supervise equipment repair procedures
E5	CORE	Supervise refueling crews operations

JP-5 BELOW DECKS SYSTEM OPERATIONS

<u>Paygrade</u>	<u>Task Type</u>	<u>Task Statements</u>
E4	CORE	Align Underway Replenishment (UNREP) stations
E6	CORE	Coordinate Underway Replenishment (UNREP) stations
E6	CORE	Monitor below deck fire emergency procedures
E5	CORE	Monitor below deck fuel systems auxiliary operations
E5	CORE	Monitor JP5 service system operations
E4	CORE	Obtain visual sample from sponson connection
E4	CORE	Perform auxiliary system operations
E4	CORE	Perform fuel transfer system operations
E4	CORE	Perform JP5 service system operations

QUALITY SURVEILLANCE

<u>Paygrade</u>	<u>Task Type</u>	<u>Task Statements</u>
E4	CORE	Conduct quality surveillance tests
E4	CORE	Determine fuel characteristics
E6	CORE	Manage fuels Quality Assurance (QA) personnel routine
E5	CORE	Monitor aviation fuel quality surveillance procedures

TECHNICAL ADMINISTRATION

<u>Paygrade</u>	<u>Task Type</u>	<u>Task Statements</u>
E5	CORE	Input Organizational Maintenance Management System (OMMS) job data
E6	CORE	Maintain aviation fuels accountability records
E7	CORE	Manage Ship Operation Management System (SOMS)
E5	CORE	Perform fuel system administrative functions
E7	CORE	Verify Current Ships Maintenance Plans (CSMP)
E6	CORE	Verify Organizational Maintenance Management System (OMMS) jobs

Job Title**Aviation Fuels Shore Base Operations Technician****Job Code****001140****Job Family**

Installation, Maintenance, and Repair

NOC

TBD

Short Title (30 Characters)

AVFUELS ASHORE OPS TECH

Short Title (14 Characters)

FUEL SHORE TEC

Pay Plan

Enlisted

Career Field

ABF

Other Relationships and Rules

None

Job Description

Aviation Fuels Shore Base Operations Technicians execute, supervise, and manage the safe receipt, transfer and issue of JP5 aviation fuel to assigned and transient aircraft, as well as support equipment; take samples, sound tanks; coordinate refueling points; perform refuel and defuel operations; provide fuel for Jet Test facilities; conduct Quality Assurance (QA) checks on fuel, aligning service, operating transfer, and stripping systems to perform various functions; perform preventive and corrective maintenance on equipment; and maintain the material condition of assigned spaces.

DoD Relationship**Group Title**

Aircraft Launch Equipment

DoD Code

160400

O*NET Relationship**Occupation Title**Maintenance and Repair Workers,
General**SOC Code**

49-9071.00

Job FamilyInstallation, Maintenance,
and Repair**Skills**

Operation Monitoring

Troubleshooting

Equipment Selection

Operation and Control

Instructing

Equipment Maintenance

Quality Control Analysis

Judgment and Decision Making

Mathematics

Science

Abilities

Control Precision

Depth Perception

Multi-limb Coordination

Problem Sensitivity

Number Facility

Category Flexibility

Hearing Sensitivity

Manual Dexterity

Mathematical Reasoning

Memorization

FLIGHT/HANGAR DECK EQUIPMENT MAINTENANCE**Paygrade**

E5

Task Type

CORE

Task Statements

Coordinate fuel system equipment repairs

FLIGHT/HANGAR DECK OPERATIONS**Paygrade**

E4

Task Type

CORE

Task Statements

Defuel aircrafts

E4

CORE

Detect fueling stations material deficiencies

E4

CORE

Fuel aircrafts

E4

CORE

Obtain visual sample from fueling stations

E4

CORE

Perform fuel station operations

E4

CORE

Perform fueling operations

E5

CORE

Supervise aircraft defueling operations

E7

CORE

Supervise aircraft emergency defueling operation

E6

CORE

Supervise aircraft to aircraft fuel transfers

E5

CORE

Supervise refueling crews operations

JP-5 BELOW DECKS SYSTEM OPERATIONS

<u>Paygrade</u>	<u>Task Type</u>	<u>Task Statements</u>
E5	CORE	Monitor JP5 stripping system operations
E4	CORE	Perform fuel transfer system operations
E4	CORE	Perform JP5 service system operations
E4	CORE	Perform JP5 stripping system operations
E4	CORE	Sound JP5 fuel tanks
E7	CORE	Verify sounding report accuracy

QUALITY SURVEILLANCE

<u>Paygrade</u>	<u>Task Type</u>	<u>Task Statements</u>
E4	CORE	Conduct quality surveillance tests
E4	CORE	Determine fuel characteristics
E6	CORE	Manage fuels Quality Assurance (QA) personnel routine
E5	CORE	Monitor aviation fuel quality surveillance procedures

SHORE BASED REFUELING

<u>Paygrade</u>	<u>Task Type</u>	<u>Task Statements</u>
E5	CORE	Monitor shore facility fuel station pressure gauges
E4	CORE	Operate mobile refuelers
E4	CORE	Perform fuel farm operator functions
E4	CORE	Perform shore base hot refueling operations

TECHNICAL ADMINISTRATION

<u>Paygrade</u>	<u>Task Type</u>	<u>Task Statements</u>
E6	CORE	Maintain aviation fuels accountability records
E5	CORE	Perform fuel system administrative functions